

Figure 1

Nucleotide Sequence

Amino Acid Sequence

MDLWQLLLTLALAGSSDAHMFPTIPLSRLFDNASLRAHRLHQLAFDTYQEFEEAYIP KEQKYSFLQNPQTSLCFSESIPTPSNREETQQKSNLELLRISLLLIQSWLEPVQFLR SVFANSLVYGASDSNVYDLLKDLEEGIQTLMGRLEDGSPRTGQIFKQTYSKFDTNSH NDDALLKNYGLLYCFRKDMDKVETFLRIVQCRSVEGSCGFGGGGDIDKLVKCGGISL LVQNTSWMLLLLLSLLQALDFISL\*

Figure 2

Nucleotide Sequence

 ${f G}$ gatcctctagactcgaggtccctacaggtATGgatctctggcagctgttgaccttggcactggcaggatcaagtgatgctcatatgTTCCCAACCATTCCCTTATCCAGGC TTTTTGACAACGCTAGTCTCCGCGCCCATCGTCTGCACCAGCTGGCCTTTGACACCT ACCCCCAGACCTCCCTCTGTTTCTCAGAGTCTATTCCGACACCCTCCAACAGGGAGG AAACACAACAGAAATCCAACCTAGAGCTGCTCCGCATCTCCCTGCTGCTCATCCAGT  ${\tt CGTGGCTGGAGCCCGTGCAGTTCCTCAGGAGTGTCTTCGCCAACAGCCTGGTGTACG}$ GCGCCTCTGACAGCAACGTCTATGACCTCCTAAAGGACCTAGAGGAAGGCATCCAAA CGCTGATGGGGAGGCTGGAAGATGGCAGCCCCCGGACTGGGCAGATCTTCAAGCAGA CCTACAGCAAGTTCGACACAAACTCACACAACGATGACGCACTACTCAAGAACTACG GGCTGCTCTACTGCTTCAGGAAGGACATGGACAAGGTCGAGACATTCCTGCGCATCG TGCAGTGCCGCTCTGTGGAGGGCAGCTGTGGCTTCGGCGGCCGCGGTGGCGGAGGTA  $\tt GTGGTGGCGGAGGTAGCGGTGGCGGAGGTTCTGTTTT$ CTGGAAGTGAGGCCACAGCAGCTATCCTTAGCAGAGCACCCTGGAGTCTGCAAAGTG TTAATCCAGGCCTAAAGACAAATTCTTCTAAGGAGCCTAAATTCACCAAGTGCCGTT CACCTGAGCGAGAGACTTTTTCATGCCACTGGACAGATGAGGTTCATCATGGTACAA AGAACCTAGGACCCATACAGCTGTTCTATACCAGAAGGAACACTCAAGAATGGACTC AAGAATGGAAAGAATGCCCTGATTATGTTTCTGCTGGGGAAAACAGCTGTTACTTTA ATTCATCGTTTACCTCCATCTGGATACCTTATTGTATCAAGCTAACTAGCAATGGTG GTACAGTGGATGAAAAGTGTTTCTCTGTTGATGAAATAGTGCAACCAGATCCACCCA  ${\tt TTGCCCTCAACTGGACTTTACTGAACGTCAGTTTAACTGGGATTCATGCAGATATCC}$ AGTATGAACTTCAATACAAAGAAGTAAATGAAACTAAATGGAAAATGATGGACCCTA TATTGACAACATCAGTTCCAGTGTACTCATTGAAAGTGGATAAGGAATATGAAGTGC GTGTGAGATCCAAACAACGAAACTCTGGAAATTATGGCGAGTTCAGTGAGGTGCTCT ATGTAACACTTCCTCAGATGAGCCAATTTACATGTGAAGAAGATTTCTACGGGGG gagggeccatcgacaagctggtcaagtgtggcggcataagcctgctggttcagaaca CATCCTGGATGCTGCTGCTGCTTTCCCTCTCCTCCTCCAAGCCCTAGACTTCATTTCTCTGTGA

Amino Acid Sequence

Figure 3

Nucleotide Sequence

 ${f G}$ gatcctctagactcgaggtcctacaggtATGgatctctggcagctgctgttgaccttggcactggcaggatcaagtgatgctcatatg TTCCCAACCATTCCCTTATCCAGGC TTTTTGACAACGCTAGTCTCCGCGCCCATCGTCTGCACCAGCTGGCCTTTGACACCT  ${\tt ACCCCCAGACCTCCCTCTGTTTCTCAGAGTCTATTCCGACACCCTCCAACAGGGAGG}$ AAACACAACAGAAATCCAACCTAGAGCTGCTCCGCATCTCCCTGCTGCTCATCCAGT  $\tt CGTGGCTGGAGCCCGTGCAGTTCCTCAGGAGTGTCTTCGCCAACAGCCTGGTGTACG$ GCGCCTCTGACAGCAACGTCTATGACCTCCTAAAGGACCTAGAGGAAGGCATCCAAA CCTACAGCAAGTTCGACACAAACTCACACAACGATGACGCACTACTCAAGAACTACG GGCTGCTCTACTGCTTCAGGAAGGACATGGACAAGGTCGAGACATTCCTGCGCATCG TGCAGTGCCGCTCTGTGGAGGGCAGCTGTGGCTTCGGCGGCCGCGGTGGCGGAGGTA  $\tt GTGGTGGCGGAGGTAGCGGTGGCGGAGGTTCTGGTGGCGGAGGTTCCGAATTCTTCC$ CAACCATTCCCTTATCCAGGCTTTTTGACAACGCTAGTCTCCGCGCCCCATCGTCTGC ACCAGCTGGCCTTTGACACCTACCAGGAGTTTGAAGAAGCCTATATCCCAAAGGAAC AGAAGTATTCATTCCTGCAGAACCCCCAGACCTCCCTCTGTTTCTCAGAGTCTATTC CGACACCCTCCAACAGGGAGGAAACACAACAGAAATCCAACCTAGAGCTGCTCCGCA TCTCCCTGCTGCTCATCCAGTCGTGGCTGGAGCCCGTGCAGTTCCTCAGGAGTGTCT TCGCCAACAGCCTGGTGTACGGCGCCTCTGACAGCAACGTCTATGACCTCCTAAAGG ACCTAGAGGAAGGCATCCAAACGCTGATGGGGAGGCTGGAAGATGGCAGCCCCCGGA CTGGGCAGATCTTCAAGCAGACCTACAGCAAGTTCGACACAAACTCACAACGATG  $\overline{AGAACACATCCTGGATGCTGCTGCTGCTTTCCCTCTCCTCCTCCAAGCCCTAG}$ ACTTCATTTCTCTGTGA

Amino Acid Sequence

Figure 4

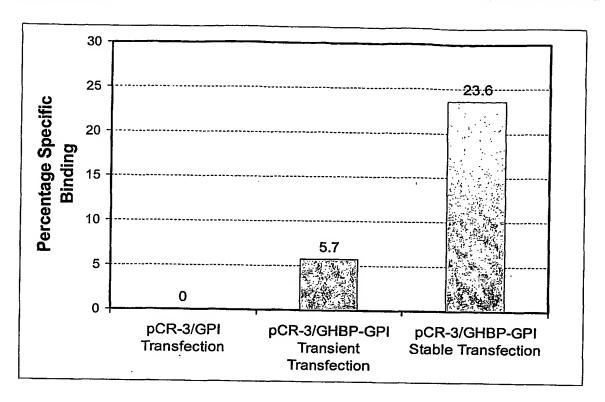


Figure 5

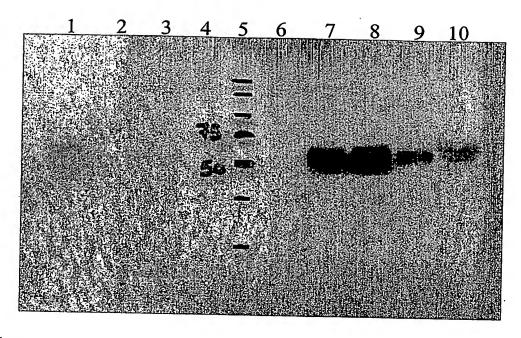


Figure 6

Primer Name	Sequence (5' → 3')
GHRss_for1	gcgcggatcctctagactcgaggtcctac
GHRss_rev1	gcgccatatgagcatcacttgatcctgcg
GH2GPI_for1	gcgccatatgttcccaaccattcccttatc
GH2GPI_rev1	gcgcgatatcccctccaccgccgaagccacagctgccc
1B12GPI_rev1	gcgccccgggccctccaccgccgtagaaatcttcttcacatg

## Table 1:

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